| <br>ex of Cl |  |
|--------------|--|
|              |  |

| App | licatio | n/Cont | rol No. |
|-----|---------|--------|---------|
|     |         |        |         |

10/650,912

Examiner

Nabila G. Ebrahim

Applicant(s)/Patent under Reexamination

JANIK ET AL.

Art Unit

1618

| <b>√</b> | Rejected |
|----------|----------|
| 1        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Postriotod                     |

| N | Non-Elected  |  |
|---|--------------|--|
| 1 | Interference |  |

| A | Appeal   |
|---|----------|
| o | Objected |

| Claim |  | Date   |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|-------|--|--|----------|----------|----------|----------|----------|----------|----------|-----------------|--|--|--|--|--|
| Cia   | 11111  |  |          | _        |          | Jak      | _        |          |          | -               |  |  |  |  |  |
| Final | Original   | 11/1/06  |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|       | 1  | V  |          |          | _        | _        |          | _        |          |                 |  |  |  |  |  |
|       | 1<br>2<br>3<br>4<br>5<br>6   |  |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|       | 3  |  |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|       | . 4  |  |          |          | _        |          | _        |          |          |                 |  |  |  |  |  |
|       | 5  |  |          | _        |          | _        |          |          | <u> </u> | $\square$       |  |  |  |  |  |
|       | 6  |  |          | _        | _        |          | _        |          |          | $\vdash$        |  |  |  |  |  |
|       |  |  |          |          |          | -        | <u> </u> |          | _        | $\vdash$        |  |  |  |  |  |
|       | 8<br>9   |  |          |          | -        | -        |          |          |          | $\dashv$        |  |  |  |  |  |
|       | 10   |  | _        | $\vdash$ |          |          | $\vdash$ | -        |          | -               |  |  |  |  |  |
|       | 11   |  |          |          | -        |          |          |          |          | $\vdash$        |  |  |  |  |  |
|       | 12   |  |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|       | 13   |  |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|       | 14   |  |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|       | 15   | ļ.,  |          |          |          |          |          |          | L        | $ \cdot $       |  |  |  |  |  |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24 | ٧  | _        |          | _        |          | L        | -        |          |                 |  |  |  |  |  |
|       | 17   | <u> </u>   |          | -        | -        |          |          | _        |          |                 |  |  |  |  |  |
|       | 18   | -  |          |          |          |          |          |          |          | Н               |  |  |  |  |  |
|       | 20   |  | _        |          | $\vdash$ |          | $\vdash$ |          |          |                 |  |  |  |  |  |
|       | 21   | $\vdash$   |          | $\vdash$ |          | $\vdash$ |          |          |          |                 |  |  |  |  |  |
|       | 22   |  |          |          |          | _        |          |          |          | -               |  |  |  |  |  |
|       | 23   |  |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|       | 24   |  |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|       | 25<br>26<br>27<br>28<br>29<br>30<br>31   |  |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|       | 26   | _  |          | _        |          | <u></u>  |          |          |          |                 |  |  |  |  |  |
|       | 27   | _  |          | _        |          |          |          |          |          | _               |  |  |  |  |  |
|       | 28   |  |          | <u> </u> |          |          | _        |          |          |                 |  |  |  |  |  |
|       | 29   |  | -        |          |          |          | <u> </u> | -        |          |                 |  |  |  |  |  |
|       | 31   | -  |          | -        | -        |          | $\vdash$ |          | _        |                 |  |  |  |  |  |
|       | 32   | $\vdash$   |          |          | -        | -        | -        | -        |          | H               |  |  |  |  |  |
|       | 32<br>33<br>34   | <del>                                     </del> |          | _        | _        | -        |          |          | -        |                 |  |  |  |  |  |
|       | 34   |  |          |          | Т        |          |          |          |          |                 |  |  |  |  |  |
|       | 35   |  |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|       | 36   |  |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|       | 36<br>37<br>38   |  |          |          |          |          |          | L.,      |          | Ш               |  |  |  |  |  |
|       | 38   |  | _        | _        |          |          |          |          | _        |                 |  |  |  |  |  |
|       | 39<br>40   | H  | _        | <u> </u> | -        | <u> </u> | -        |          |          | $\vdash \vdash$ |  |  |  |  |  |
|       | 40   | -  |          | -        | -        |          | $\vdash$ |          | $\vdash$ | $\vdash$        |  |  |  |  |  |
|       | 41   | -  | -        | -        | -        | -        | $\vdash$ | H        | $\vdash$ | $\vdash$        |  |  |  |  |  |
|       | 43   |  | $\vdash$ | _        | $\vdash$ |          | H        | -        | -        |                 |  |  |  |  |  |
|       | 44   | $\vdash$   | $\vdash$ |          |          | $\vdash$ | -        | $\vdash$ | H        | $\vdash$        |  |  |  |  |  |
|       | 45   | Г  | $\vdash$ |          | Ι-       | $\vdash$ |          | <b></b>  | $\vdash$ |                 |  |  |  |  |  |
|       | 46   |  |          |          |          |          |          |          |          |                 |  |  |  |  |  |
|       | 47   |  |          |          | 匚        |          |          |          |          |                 |  |  |  |  |  |
|       | 48   | 匚  |          |          |          | L        |          |          | L        |                 |  |  |  |  |  |
|       | 49   | _  | <u>L</u> | <u> </u> | <u> </u> | <u> </u> |          | <u> </u> | _        | Ш               |  |  |  |  |  |
| ı     | 50   | ı  | ı        | l        | ı        | ı        |          | 1        | ı        | i I             |  |  |  |  |  |

| Cla         | im         | Date     |              |              |          |   |              |              |  |  |  |  |  |  |  |
|-------------|------------|----------|--------------|--------------|----------|---|--------------|--------------|--|--|--|--|--|--|--|
|             |            |          |              |              | Г        |   |              |              |  |  |  |  |  |  |  |
| - a         | Original   |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
| Final       | . <u>i</u> |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
| ш.          | ŏ          |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
|             |            |          |              |              | _        |   |              |              | _  | _  |  |  |  |  |  |
|             | 51         |          |              | _            |          |   |              |              | <u> </u>   | L_   |  |  |  |  |  |
| 1           | 52         |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 52<br>53   |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 54         | -        |              | -            |          |   |              | _            | $\vdash$   |  |  |  |  |  |  |
|             | 55         |          | -            | —            | $\vdash$ |   | -            |              |  | -  |  |  |  |  |  |
| <u> </u>    | 55         |          |              |              |          |   |              | _            | <del> </del> —                                   | _  |  |  |  |  |  |
|             | 56         |          | _            | _            | <u> </u> |   |              | _            | ļ  |  |  |  |  |  |  |
|             | 57         |          |              |              |          | _   |              | _            | _  | _  |  |  |  |  |  |
|             | 58         |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
| 1           | 59         |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 60         |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 61         | _        |              |              | _        | -   | _            | _            | _  |  |  |  |  |  |  |
|             | 62         | -        |              | _            |          |   | -            | _            | -  | $\vdash$   |  |  |  |  |  |
|             | 62         |          | _            |              |          |   | -            |              |  | -  |  |  |  |  |  |
|             | 63         | _        | _            |              | $\vdash$ | _   | $\vdash$     | _            | _  | _  |  |  |  |  |  |
|             | 64<br>65   |          |              |              | _        |   | $oxed{oxed}$ |              | _  | L  |  |  |  |  |  |
|             | 65         |          | !            |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 66         |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 67         |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 68         |          | _            |              |          |   |              |              | -  | _  |  |  |  |  |  |
|             | 69         | -        | _            | _            | -        | -   | _            |              |  | -  |  |  |  |  |  |
|             | 70         |          | _            |              |          | -   |              | _            | -  | -  |  |  |  |  |  |
|             | 70         |          | _            |              |          | _   |              |              | _  | <u> </u>   |  |  |  |  |  |
|             | 71         |          | _            |              | Ш        | _   |              |              | _  | <u> </u>   |  |  |  |  |  |
|             | .72        |          |              |              |          |   |              |              | _  | _  |  |  |  |  |  |
|             | 72<br>73   |          |              |              |          |   | .            |              |  |  |  |  |  |  |  |
|             | 74<br>75   | Ì        | П            |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 75         |          | $\vdash$     |              |          | П   |              | _            |  |  |  |  |  |  |  |
|             | 76         |          |              |              | 1        |   |              |              | <del>                                     </del> | ┪  |  |  |  |  |  |
|             | 77         | -        | -            |              | -        | -   | -            | $\vdash$     | -  | -  |  |  |  |  |  |
| <b> </b>    | 70         | _        |              |              |          |   |              | <del> </del> | <del> </del> —                                   | <u> </u>   |  |  |  |  |  |
|             | 78         |          |              |              | _        | _   |              | _            | ļ  | <u> </u>   |  |  |  |  |  |
|             | 79         |          |              |              |          | $ldsymbol{le}}}}}}$ |              |              |  | _  |  |  |  |  |  |
|             | 80         |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 81         |          |              |              |          |   |              |              | ļ  |  |  |  |  |  |  |
|             | 82         |          |              |              |          |   |              |              |  | Г  |  |  |  |  |  |
|             | 83         | _        | _            | 1            | Г        | _   |              |              |  |  |  |  |  |  |  |
| <b></b>     | 84         |          | -            |              | $\vdash$ | $\vdash$  | $\vdash$     | $\vdash$     | $\vdash$   | <del>                                     </del> |  |  |  |  |  |
|             | 05         | $\vdash$ | <del> </del> | <del> </del> | $\vdash$ | -   | $\vdash$     | -            |  | -  |  |  |  |  |  |
| ·           | 85         | Ь-       | _            | _            | $\vdash$ |   | $\vdash$     |              |  | -  |  |  |  |  |  |
|             | 86         | <u> </u> | <u> </u>     |              | <u> </u> | <u> </u>  | _            |              |  |  |  |  |  |  |  |
|             | 87         | _        | <u>_</u>     | L_           | <u> </u> |   |              | <u>_</u>     | L_   | <u> </u>   |  |  |  |  |  |
|             | 88         |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 89         |          | _            |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 90         |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 91         | _        |              | Ι            | Г        |   | Г            | Т            | Ι  | <u> </u>   |  |  |  |  |  |
| -           | 92         | -        |              | $\vdash$     | $\vdash$ | $\vdash$  | $\vdash$     | $\vdash$     |  | -  |  |  |  |  |  |
| <u> </u>    |            | $\vdash$ | $\vdash$     | $\vdash$     | -        | -   | -            | _            | <del> </del>                                     | $\vdash$   |  |  |  |  |  |
| <u> </u>    | 93         | <u> </u> | <u> </u>     | <u> </u>     |          | -   | <del> </del> | <u> </u>     | $\vdash$   | <del> </del>                                     |  |  |  |  |  |
|             | 94         | <u>_</u> |              | <u> </u>     | _        | _   | <u> </u>     | L            | <u> </u>   | _  |  |  |  |  |  |
|             | 95         | _        | <u> </u>     | <u></u>      | ·        |   | $oxed{oxed}$ |              | <u></u>  | <u> </u>   |  |  |  |  |  |
|             | 96         |          |              |              |          |   |              |              |  |  |  |  |  |  |  |
|             | 97         |          | Γ            |              | _        |   |              |              |  |  |  |  |  |  |  |
|             | 98         |          | _            |              | 1        | <u> </u>  | Г            |              |  | _  |  |  |  |  |  |
| <del></del> | 99         |          | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$  | _            | $\vdash$     | $\vdash$   | $\vdash$   |  |  |  |  |  |
| <u> </u>    | 100        | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | ├-  | -            | $\vdash$     | ├-   | -  |  |  |  |  |  |
|             |            |          |              |              |          |   |              |              |  |  |  |  |  |  |  |

| Claim    | L       |         |                  | (        | Date   | е        |           |          |          |          | Cla      | im       |              |           |                   | D        | ate      |          |          |              |          | Cla          | aim        |          |          |          |                 | Date           | <u>;                                    </u> |  | _        |          |
|----------|---------|---------|------------------|----------|--|----------|-----------|----------|----------|----------|----------|----------|--------------|-----------|-------------------|----------|----------|----------|----------|--------------|----------|--------------|------------|----------|----------|----------|-----------------|----------------|--|--|----------|----------|
| Original | 11/1/06 |         |                  |          |  |          |           |          |          |          | Final    | Original |              |           |                   |          |          |          |          |              |          | Final        | Original   |          |          |          |                 |                |  |  |          |          |
| 1        | V       |         |                  |          |  |          |           |          |          |          |          | 51       |              |           |                   |          |          |          |          |              |          |              | 101        |          |          |          |                 |                |  |  |          |          |
| 2        |         |         |                  |          |  |          |           |          |          | L        |          | 52       |              |           |                   |          |          |          | _        | _ _          | _        |              | 102        |          |          |          |                 |                |  | $\sqcup$                                     |          |          |
| 3        | Ц.,     | 1       |                  | _        | <u> </u>   | Ш        |           | _        | _        |          |          | 53       |              |           |                   | _        | _        |          | _        | _ _          | 4        |              | 103        |          |          |          |                 |                |  |  |          | _        |
| 4        |         | _       | 4_               | <u> </u> | <u> </u>   | Ш        | _         |          | _        | L        |          | 54       |              | _         |                   | _        | _        | _        |          | -            | 4        |              | 104        | _        |          | _        | <u> </u>        | _              | $\dashv$                                     | $\dashv$                                     |          | _        |
| 5        |         | 4       |                  | ├-       | <u> </u>   | -        |           |          | 4        | -        | _        | 55       |              |           |                   |          |          | _        | -        | _ _          | -        | -            | 105        |          | -        |          |                 |                |  | -  |          | _        |
| 6        | +       | +       | -                | -        | <del> </del>                                     | -        |           |          | -        | -        | _        | 56       | _            | -         |                   | -        | -        |          |          |              | -        | ļ            | 106<br>107 |          |          |          |                 |                | $\dashv$                                     |  |          |          |
| 8        |         | +-      |                  | -        | <del> </del>                                     | H        | -         | $\dashv$ | $\dashv$ | -        | _        | 57<br>58 | -            |           |                   |          | -        |          | -        |              | -        | -            | 107        | <u></u>  |          |          |                 |                |  | $\dashv$                                     |          | $\dashv$ |
| 9        | ╁       | +-      |                  | -        | -  |          |           | $\dashv$ | $\dashv$ | -        |          | 59       | $\vdash$     | $\dashv$  |                   | -        |          |          | -        | $\dashv$     | ┨        | <del> </del> | 109        |          | $\dashv$ | -        |                 | $\dashv$       |  | -  |          | -        |
| 10       |         | +       | ╁                | ╁        | <del> </del>                                     | $\vdash$ | Н         | +        | $\dashv$ | -        |          | 60       | $\vdash$     | $\dashv$  | $\dashv$          | ┰        | $\dashv$ | ᆉ        |          |              | $\dashv$ | -            | 110        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$       | $\dashv$                                     | $\dashv$                                     |          |          |
| 11       |         | ╁       | ╫                | +        | -  | $\vdash$ |           | $\dashv$ | ᅥ        | F        | $\neg$   | 61       | -            |           | -1                |          | -        |          | -        | $\dashv$     | ┥        | $\vdash$     | 111        |          | $\dashv$ | -        | _               |                | _  |  | $\dashv$ | _        |
| 12       |         | +       | +                | +        |  | 1-       |           |          | $\dashv$ | <br> -   |          | 62       | Н            | $\neg$    | $\neg$            | +        | -        | 7        | $\dashv$ | $\vdash$     | ┪        |              | 112        | _        |          | _        | $\neg$          |                |  |  | _        |          |
| 13       |         | $\top$  | †                | †        | <u> </u>   |          |           | $\dashv$ | $\dashv$ |          | $\neg$   | 63       | $\Box$       | $\neg$    |                   | $\dashv$ | 7        | $\dashv$ | _        |              | 7        |              | 113        |          |          |          | $\neg$          | $\neg$         |  |  | $\dashv$ | $\neg$   |
| 14       |         | 1       | $\top$           | 1        | 1  | П        | П         |          | ヿ        |          |          | 64       |              |           |                   | 一        |          |          |          |              |          |              | 114        |          |          |          |                 |                |  |  |          |          |
| 15       |         | Τ       | $\mathbb{I}_{-}$ |          |  |          |           |          | $\cdot$  |          |          | 65       |              |           |                   |          |          |          |          |              |          |              | 115        |          |          |          |                 |                |  |  |          |          |
| 16       |         |         |                  |          |  |          |           |          |          |          |          | 66       |              |           |                   |          | $\Box$   | $\Box$   | $\Box$   | $oxed{\Box}$ |          |              | 116        |          |          |          |                 |                | $\Box$                                       | $\Box$                                       | $\Box$   |          |
| 17       |         |         |                  |          |  |          |           |          |          |          |          | 67       |              |           |                   |          |          |          |          |              | _        |              | 117        |          |          |          | Ш               | $\Box$         |  |  |          |          |
| 18       | 1       | ┸       | _                | <u> </u> | <u> </u>   |          |           |          |          | L        |          | 68       |              | _         |                   | _        | _        | $\perp$  | _        |              | _        | ļ            | 118        |          |          |          | Ш               | $\square$      | _  | $\dashv$                                     |          | _        |
| 19       |         | $\perp$ | ┦_               | <u> </u> | <u> </u>   |          | _         |          | _        |          |          | 69       |              | _         | _                 | _        | _        | _        | 4        | _            | 4        | <u> </u>     | 119        | _        | $\Box$   | _        | $\square$       |                |  |  | _        | $\Box$   |
| 20       |         | 4       | _                | ┞        | <u> </u>   |          |           | _        |          | L        |          | 70       |              |           |                   | _        | _        | _        | _        |              | _        | <u> </u>     | 120        |          | $\Box$   | _        | Ш               |                | _  | <del>   </del>                               |          | $\dashv$ |
| 21       |         | +       | _                | ┞        | <u> </u>   |          | Ы         |          |          |          |          | 71       |              | _         | _                 | $\dashv$ | 4        |          |          |              | 4        |              | 121        | $\Box$   | -        | _        | $\square$       | <del>  </del>  |  |  |          | -i       |
| 22       | +       | -       |                  | -        | ļ  | _        | Н         | $\dashv$ | -        | -        |          | 72       | -            | -         |                   | -        | -        | -        | +        |              | -        |              | 122<br>123 |          | Н        |          | $\vdash$        | $\dashv$       | $\dashv$                                     | -  |          |          |
| 23<br>24 |         | +-      | +                | -        | $\vdash$   | $\vdash$ | Н         | $\dashv$ | $\dashv$ | -        |          | 73<br>74 |              | _         |                   | $\dashv$ | $\dashv$ | -        | +        |              | -        | -            | 124        | -        | $\dashv$ | _        | $\dashv$        | $\dashv$       | $\dashv$                                     | -  |          |          |
| 25       |         | -       |                  | 1—       | <del> </del>                                     | Н        | Н         | -        | $\dashv$ | -        |          | 75       | $\vdash$     | -         | +                 | $\dashv$ | -        | -        | +        | +            | -        | -            | 125        | -        |          | -        |                 |                |  | $\dashv$                                     |          | _        |
| 26       |         | ╁       | +-               | -        | <del> </del>                                     |          | Н         | $\dashv$ | $\dashv$ | ⊢        | $\dashv$ | 76       | -            |           |                   | $\dashv$ |          | -        | _        | $\dashv$     | ┪        | <b>—</b>     | 126        | -        | -        |          | $\vdash$        | H              | $\dashv$                                     | $\vdash$                                     |          |          |
| 27       | -       | +       | +-               | -        | ╁╴   |          |           | -        | ᅥ        | -        |          | 77       |              |           | -                 |          | -        | _        | 十        | $\dashv$     | ┪.       | <b>—</b>     | 127        |          |          |          |                 | $\neg$         | $\exists$                                    | $\dashv$                                     |          |          |
| 28       |         | ╁       | +-               | +        |  |          |           | $\dashv$ | $\dashv$ | ┝        |          | 78       |              | $\neg$    | 寸                 | -        | 寸        | +        | 十        | -            | 7        |              | 128        |          |          | _        |                 |                | $\neg$                                       | $\neg$                                       |          |          |
| 29       |         | 十       | ╅┈               | $\vdash$ | <del>                                     </del> |          |           | _        | $\neg$   |          |          | 79       |              |           |                   | 寸        | 一        | $\neg$   |          |              | 7        |              | 129        |          |          |          |                 |                |  |  |          |          |
| 30       |         | 1       | 1                | 1        | 1  | $\Box$   | П         |          | $\neg$   |          |          | 80       |              |           |                   | $\neg$   | $\neg$   |          |          |              |          |              | 130        |          |          |          |                 | $\Box$         |  |  |          |          |
| 31       |         | 1       | 1                | Г        | Г  |          |           | $\Box$   |          |          |          | 81       |              |           |                   |          |          |          |          |              |          |              | 131        |          |          |          |                 |                |  |  |          |          |
| 32       |         |         |                  |          |  |          |           |          |          |          |          | 82       |              |           |                   |          |          |          |          | l_           |          |              | 132        |          |          |          |                 |                |  |  |          |          |
| 33       |         |         |                  |          | L  |          |           |          |          | L        |          | 83       |              |           |                   | _        |          | _        | _        |              |          |              | 133        |          |          |          |                 |                |  |  |          |          |
| 34       | 4_      | $\perp$ | _                | <u> </u> | <u>_</u>   |          | $\square$ | 4        | _        | _        |          | 84       | $\sqcup$     | $\square$ | _                 | _        | _        | _        | _        | _            | _        | <u></u>      | 134        | Ш        | Ш        |          |                 | <b>—</b> —     | -  | ,  | $\perp$  |          |
| 35       |         | 4       | 4_               | 1_       | _  | $\sqcup$ | Ш         | $\sqcup$ | _        |          |          | 85       | $\vdash$     |           | ļ                 | _        | _        | _        |          | -            | 4        | <u> </u>     | 135        | $\vdash$ | Ш        |          | $\vdash \vdash$ | <u> </u>       |  |  |          |          |
| 36       |         | +       | +                |          | <u> </u>   | $\vdash$ | $\vdash$  | $\dashv$ | _        | _        |          | 86       | <u> </u>     |           |                   | $\dashv$ | 4        | -        |          | -            | 4        |              | 136        | $\vdash$ | $\vdash$ | _        | $\vdash\vdash$  | <del>   </del> | _  |  | _        |          |
| 37       |         | +       | +-               | -        |  |          | $\vdash$  |          | $\dashv$ | -        |          | 87<br>88 | <del> </del> | -         |                   |          |          |          | -        | +            | -        | $\vdash$     | 137<br>138 |          |          | -        | $\vdash$        |                | $\dashv$                                     | $\dashv$                                     | $\dashv$ |          |
| 38       |         | +       | +                | +-       | -  |          |           | -        | $\dashv$ | -        | -        | 89       | -            | -         |                   |          | -        |          | $\dashv$ | +            | $\dashv$ | <u> </u>     | 139        |          |          |          |                 | $\dashv$       | $\dashv$                                     | <u>,                                    </u> | $\dashv$ |          |
| 40       |         | ╁       | +                | +-       | $\vdash$   |          | $\vdash$  | -        | $\dashv$ | -        | _        | 90       | $\vdash$     | -         |                   |          | }        |          | $\dashv$ | +            | $\dashv$ | -            | 140        |          |          |          | $\vdash$        | $\dashv$       | $\dashv$                                     | $\dashv$                                     | $\dashv$ |          |
| 41       |         | ╫       | +-               | +-       | -  | H        | Н         | $\vdash$ | $\dashv$ | $\vdash$ |          | 91       | -            |           |                   | $\dashv$ | $\dashv$ | +        | $\dashv$ |              | $\dashv$ |              | 141        | $\vdash$ | $\vdash$ | $\dashv$ | $\vdash$        | $\dashv$       |  | _  |          |          |
| 42       | +       | +       | +-               | +-       | +-   | Н        | H         | $\vdash$ | $\dashv$ | -        | _        | 92       | -            |           | $\dashv$          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | 十            | 7        | <u> </u>     | 142        |          | $\vdash$ | $\dashv$ | $\dashv$        |                | -  | -  | -        |          |
| 43       |         | +       | ╅                | 1        |  |          | Н         |          | $\dashv$ |          |          | 93       | $\vdash$     |           | $\dashv$          | 一        | $\dashv$ | _        | 一        | $\dashv$     | $\dashv$ |              | 143        |          |          |          | $\Box$          | $\vdash$       | $\neg$                                       | $\sqcap$                                     | $\dashv$ |          |
| 44       | $\top$  | $\top$  | 1                | 1        | $\vdash$   |          | $\vdash$  | $\vdash$ | $\dashv$ |          |          | 94       |              |           | 一                 | _        | _        | $\neg$   | $\neg$   | $\dashv$     | 7        |              | 144        |          |          |          | $\Box$          | П              | П  | $\sqcap$                                     | $\dashv$ |          |
| 45       |         | $\top$  | 1                | 1        |  | _        |           |          | $\dashv$ | 一        |          | 95       |              |           |                   | -        |          | $\neg$   | $\dashv$ | $\neg$       | 1        |              | 145        |          | М        | _        | $\Box$          | $\Box$         | $\Box$                                       | $\sqcap$                                     |          |          |
| 46       |         | 1       | 1                |          |  |          |           |          |          |          |          | 96       |              |           |                   |          |          |          |          |              |          |              | 146        |          |          |          |                 |                |  |  |          |          |
| 47       |         | $\perp$ |                  |          |  |          |           |          |          |          |          | 97       |              |           |                   |          |          |          |          |              |          |              | 147        |          |          |          |                 |                |  |  |          |          |
| 48       |         | T       |                  |          |  |          |           |          |          |          |          | 98       |              |           |                   |          |          |          | $\Box$   |              |          |              | 148        |          |          |          | $\Box$          |                |  | П  |          |          |
| 49       |         | L       |                  |          | L  |          |           |          | $\Box$   | Ĺ        |          | 99       | $\Box$       |           | $\Box$            | $\Box$   |          |          |          |              |          | <u></u>      | 149        |          |          |          | Ш               |                | Ш  | $\sqcup$                                     | لــا     |          |
| 50       | Ц_      | $\perp$ |                  |          | <u></u>  |          |           |          |          | L        |          | 100      | L            |           | $oldsymbol{\bot}$ |          |          |          |          |              |          | L            | 150        |          |          |          |                 | Ш              |  | لے   |          |          |